| Ref<br>#  | Hits    | Search Query                  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|-----------|---------|-------------------------------|---|---------------------|---------|------------------|
| S1        | 309259  | crack or cracks               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/11/14 07:35 |
| S2        | 1776624 | electrode or anode or cathode | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/11/14 07:35 |
| S3        | 3684    | S1 near5 S2                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/11/14 08:15 |
| S4        | 251233  | electrolyte                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/11/14 07:36 |
| S5        | 96      | S3 near5 S4                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/11/14 07:53 |
| <b>S6</b> | 14      | battery same S5               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/11/14 08:09 |
| S7        | 31061   | solid adj electrolyte         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/11/14 07:52 |
| S8        | 25      | S3 near5 S7                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/11/14 07:53 |
| S9        | 2096963 | S8 same lithium or Li         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/11/14 07:53 |
| S10       | 2       | S8 same (lithium or Li)       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR                  | OFF     | 2005/11/14 07:54 |

| S11 | 4257    | oxyhalide            | US-PGPUB;   | OR | OFF | 2005/11/14 07:54 |
|-----|---------|----------------------|---|----|-----|------------------|
|     |         |                      | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT              |    |     |                  |
| S12 | 15      | S11 same S7          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/14 07:59 |
| S13 | 46633   | thionyl adj chloride | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/14 07:59 |
| S14 | 3       | S13 near4 S7         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/14 08:03 |
| S15 | 18      | "4224389"            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/14 08:03 |
| S16 | 4       | S6 and S7            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/14 08:12 |
| S17 | 0       | S16 and S13          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/14 08:12 |
| S18 | 0       | S16 and S11          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/14 08:15 |
| S19 | 2769818 | hole or holes        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/14 08:15 |
| S20 | 51327   | (S1 or S19) near3 S2 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/14 08:16 |

|     |        |  |   | <del></del> |     |                  |
|-----|--------|--|---|-------------|-----|------------------|
| S21 | 72     | S20 near5 S7   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | OFF | 2005/11/14 08:19 |
| S22 | 1      | S21 same (lithium or Li)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | OFF | 2005/11/14 08:18 |
| S23 | 7      | S21 AND (lithium or Li)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | OFF | 2005/11/14 08:18 |
| S24 | 12     | S20 near5 ((polymer or gel or gell) adj2 electrolyte)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | OFF | 2005/11/14 08:43 |
| S25 | 2138   | 29/623.1.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | OFF | 2005/11/14 08:43 |
| S26 | 1013   | 29/623.5.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | OFF | 2005/11/14 11:14 |
| S27 | 2483   | copper near5 (current adj collector<br>or substrate) near5 (electrode or<br>anode) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | OFF | 2005/11/14 11:21 |
| S28 | 426649 | (surface near3 roughness) or Ra  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | OFF | 2005/11/14 11:15 |
| S29 | 10     | S27 same S28   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | OFF | 2005/11/14 11:15 |
| S30 | 5221   | copper near5 (current adj collector<br>or substrate) same (electrode or<br>anode)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR          | OFF | 2005/11/14 11:21 |

| S31 | 42 | S30 same S28 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/14 11:21 |
|-----|----|--------------|---|----|-----|------------------|
| S32 | 32 | S31 not S29  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/14 11:21 |